

**EVALUATION OF WOUND HEALING POTENTIAL OF  
SELECTED PLANTS ON RATS**

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## TABLE OF CONTENTS

	<b>Page</b>
<b>ACKNOWLEDGEMENTS</b>	iii
<b>TABLE OF CONTENTS</b>	iv
<b>LIST OF TABLES</b>	vi
<b>LIST OF FIGURES</b>	vii
<b>LIST OF ABBREVIATIONS</b>	viii
<b>ABSTRACT</b>	ix
<b>ABSTRAK</b>	x
 <b>CHAPTER 1 INTRODUCTION</b>	
1.1 Background	1
1.2 Significance of study	3
1.3 Objectives of study	3
 <b>CHAPTER 2 LITERATURE REVIEW</b>	
2.1 Wound	4
2.2 Wound Healing Process	5
2.2.1 Types of Wound Healing	6
2.2.2.1 Natural Wound Healing	6
2.2.2.2 Synthetic Wound Healing	6
2.3 Selected Plants	7
2.3.1 <i>Lantana camara</i>	7
2.3.2 <i>Aloe vera</i>	7
2.3.3 <i>Centella asiatica</i>	8
2.3.4 <i>Andrographis paniculata</i>	9
2.3.5 <i>Pandanus amaryllifolius</i>	10
2.3.6 <i>Psidium guajava</i>	11
2.4 Plant with Wound Healing Properties	12
2.4.1 <i>Butea monosperma</i>	12
 <b>CHAPTER 3 METHODOLOGY</b>	
3.1 Materials	13
3.2 Plant materials	13
3.3 Preparation of extracts	13
3.4 Experimental animals	14
3.5 Evaluation of wound healing activity	14
3.5.1 Excision wound model	14
3.6 Wound healing evaluation parameters	14
3.6.1 Wound contraction and epithelialization period	14
3.7 Statistical analysis	14

## ABSTRACT

Evaluation of wound healing was carried out on extraction of hexane and dichloromethane (DCM) extracts of *Lantana camara*, *Aloe barbadensis*, *Centella asiatica*, *Andrographis paniculata*, *Psidium guajava*, and *Pandanus amaryllifolius*. Measurement of wound contraction was taken on day 1, 4, 8, 12 and 16 of four intervals days. The epithelialization time of each treatment were also recorded. The positive control (gentamycin) reached 100% wound contraction in 16 days. The dichloromethane (DCM) extract of *Andrographis paniculata* (hempedu bumi) was found to be the most efficient plant extract of wound healing properties among other selected plants extracts. The percentage of wound contraction of *Andrographis paniculata* was 95.69% and it takes 17 days for epithelialization time.